



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick

Art Unit : 3672

Serial No. : 10/004,316

Examiner : Daniel P. Stephenson

Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

MAIL STOP ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

APPLICATION FOR PATENT TERM ADJUSTMENT UNDER 37 CFR 1.705(B)

Applicant hereby petitions for reconsideration of the Patent Term Adjustment (PTA) accorded the above-referenced patent application. Attached herewith is a copy of the Notice of Allowance including a Determination of Patent Term Adjustment under 35 U.S.C. 154(b), mailed May 18, 2005, for the above-referenced application. The Notice of Allowance states that the Patent Term Adjustment at allowance is 84 days. Reconsideration of the Patent Term Adjustment calculation to increase PTO Delay from 84 days to at least 213 days, and to thus increase Total PTA from 84 to at least 213 days, is respectfully requested.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV718963468US

August 18, 2005

Date of Deposit

08/22/2005 WABDEL3 00000051 10004316
200.00 DP
04 FC:1455

**REVIEW OF PATENT TERM ADJUSTMENT CALCULATION AND STATEMENT OF
THE FACTS**

A review of the Patent Term Adjustment History in the PAIR system shows that the United States Patent and Trademark Office (PTO) calculated the Patent Term Adjustment (PTA) as follows:

- 1) The PTO mailed a non-final Office Action on March 24, 2003. Applicant concurs with the calculation of a PTO delay of 84 days, as the first office action should have been issued within 14 months of the filing date (December 30, 2002).
- 2) Applicant's response to the non-final Office Action dated March 24, 2003 was timely filed on June 23, 2004. Applicant concurs with PTO calculation of 0 days delay.
- 3) The PTO mailed a Notice of Allowance on October 2, 2003 in response to IDS filed April 28, 2003 and Office Action Response filed June 23, 2004. Applicant concurs with PTO calculation of 0 days delay. Applicant timely responded to the Notice of Allowance on December 30, 2003 by payment of the issue fee. Applicant subsequently petitioned for withdraw of the application from issuance and filed a Request for Continued Examination on June 25, 2004 via Express Mail. PAIR indicates the Petition to Withdraw and Request for Continued Examination were filed on June 28, 2004. Additionally the postcard is stamped as received by the U.S. Patent Office on June 28, 2004. Applicant respectfully requests correction of the date received to indicate June 25, 2004. Enclosed in support of this request is a copy of the applicant's response, postcard bearing express mail number EV315554534US, Express Mail Receipt EV315554534US with a date stamp and hand written date-in both indicating deposit on June 25, 2004, and Express Mail Declaration for EV315554534US declaring deposit of the contents on June 25, 2004.

No PTA was entered for the Petition to Withdraw, Request for Continued Examination and Information Disclosure Statement filed on June 25, 2004. It is unclear if this constituted an Applicant delay. Therefore, Applicant respectfully

requests review of the calculation of the PTA for the Petition to Withdraw from Issuance and Request for Continued Examination filed on June 25, 2004.

- 4) The PTO mailed a Notice of Allowance on August 11, 2004 in response to Applicant's IDS and RCE filed June 28, 2004. Applicant concurs with PTO calculation of 0 days delay.
- 5) PAIR indicates that the application was withdrawn from allowance on August 19, 2004. Applicant has no record of this action. Applicant respectfully requests review of this entry in the PAIR system.
- 6) Applicant responded to the Notice of Allowance dated August 11, 2004 on September 9, 2004 by filing a Request for Continued Examination. Applicant's response was filed timely, therefore no PTA was accorded.
- 7) PAIR indicates that the PTO mailed a Notice of Allowance of September 10, 2004. Applicant has no record of this action. Additionally, the Image File Wrapper does not contain a copy of a Notice of Allowance dated September 10, 2004. Applicant respectfully requests review of this entry in the PAIR system.
- 8) The PTO mailed a Notice of Allowance on May 18, 2005 in response to Applicant's RCE filed September 9, 2004 and IDSs filed September 9, 2004, November 14, 2004, January 31, 2005, February 28, 2005 and March 24, 2005. No PTA adjustment was provided for the PTO delay in acting on the RCE. Accordingly, Applicant requests a PTA of 129 days for the PTO delay from January 9, 2005 (date by which PTO should have acted on the RCE-four months) to May 18, 2005 (date of mailing of Notice of Allowance).

In accordance with 37 C.F.R. § 1.705(b)(2)(iii), the patent is not subject to a terminal disclaimer.

REMARKS

In consideration of the events described above, Applicant believes the PTA calculation of 84 days is incorrect and respectfully requests reconsideration of the patent term adjustment in the following manner, as described in detail above:

- 1) Total PTO Delay should be calculated at least 213 days; and,
- 2) Total Applicant Delay should be calculated as 0 days.

Therefore, Applicant respectfully requests the addition of at least 129 days of PTO Delay, thus increasing PTO Delay from 84 days to at least 213 days; and increasing the Total PTA from 84 to at least 213 days. Applicant also kindly requests correction of the file history in the PAIR system to indicate the correct date of receipt of the response filed June 25, 2004.

DOCUMENTS ENCLOSED:


- (1) Postcard date stamped June 28, 2004 with express mail number EV315554534US;
- (2) Express mailed certification for EV315554534US declaring deposit on June 25, 2004;
- (3) Express mail receipt EV315554534US cancelled June 25, 2004;
- (4) Response filed June 25, 2004; and
- (5) Notice of Allowance mailed May 18, 2005.

Applicant : Joseph A. Zupanick
Serial No. : 10/004,316
Filed : October 30, 2001
Page : 5 of 5

Attorney's Docket No.: 17601-020001 / 067083.0162

Enclosed is a check for the fee of \$200 required under 37 C.F.R. § 1.18(e). Please apply any deficiencies or any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

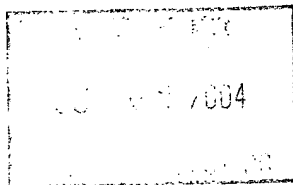
Respectfully submitted,



Joshua A. Griswold
Reg. No. 46,310

Fish & Richardson P.C.
1717 Main Street
Suite 5000
Dallas, Texas 75201
Telephone: (214) 292-4034
Facsimile: (214) 747-2091

90139027.doc



COPY

Attorney's Docket No. 17601-020001	Express Mail Label No. EV315554534US	Mailing Date June 25, 2004	For PTO Use Only <i>Do Not Mark in This Area</i> RECEIVED JUN 28 2004 OFFICE OF PETITIONS
Application No. 10/004,316	Filing Date October 30, 2001	Attorney/Secretary Init TJS/JYG/plb	
Title of the Invention SLANT ENTRY WELL SYSTEM AND METHOD			
Applicant Joseph A. Zupanick			
Enclosures ·Request for Continued Examination (RCE) Transmittal (1 page) ·Check in the amount of \$770.00 for filing fee of RCE ·Petition to Withdraw (1 page) ·Check in the amount of \$130.00 for filing fee of Withdrawl ·Information Disclosure Statement (1 page) ·Form PTO-1449 (6 pages) ·Documents listed on the Form PTO-1449 (117 documents: 36 U.S. patents/applications; 14 foreign patents; 67 non-patent literature – all furnished) ·Other: Acknowledgement Postcard			

* No Secretary Required *
Reviewed By Presence System
Initials: <i>SWW</i>
Reviewed By Billing Secretary



COPY

PATENT
Attorney's Docket No.: 17601-020001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph A. Zupanick
Serial No.: 10/004,316
Filed: October 30, 2001
Title: SLANT ENTRY WELL SYSTEM AND METHOD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF MAILING BY "EXPRESS MAIL"

Leonard Criss declares as follows:

EV315554534US

1. I reside at:

202 W. Woodin Boulevard
Dallas, Texas 75224

and am an employee of:

Fish & Richardson P.C.
5000 Bank One Center
1717 Main Street
Dallas, Texas 75201

2. On June 25, 2004, I deposited in the mail, "Express Mail Post Office to Addressee" service of the United States Postal Service, the contents of the envelope for which "Express Mail" receipt No. EV315554534US was issued addressed to Mail Stop 313(c), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3. Attached hereto is a true copy of the "Express Mail" receipt No. EV315554534US.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-identified application or any patents issued thereon.

Date: June 25, 2004





COPY

Customer Copy
Label 11-F June 2002



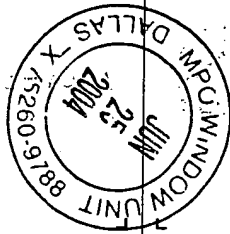
EV 315554534 US



UNITED STATES POSTAL SERVICE®

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)				DELIVERY (POSTAL USE ONLY)			
PO ZIP Code	Day of Delivery	Flat Rate Envelope		Delivery Attempt	Time	Employee Signature	
75001	<input checked="" type="checkbox"/> Next <input type="checkbox"/> Second <input type="checkbox"/>			Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM		
Date In		Postage		Delivery Attempt	Time	Employee Signature	
Mo. Day Year	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	\$ 72.25		Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM		
Time In	Military	Return Receipt Fee		Delivery Date	Time	Employee Signature	
<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day			Mo. Day	<input type="checkbox"/> AM <input type="checkbox"/> PM		
Weight	Int'l Alpha Country Code	COD Fee	Insurance Fee	<input type="checkbox"/> WAIVER OF SIGNATURE (Domestic Only) Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.			
10.33 lbs.				NO DELIVERY <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday			
No Delivery	Acceptance Clerk Initials	Total Postage & Fees		Customer Signature			
<input type="checkbox"/> Weekend <input type="checkbox"/> Holiday		\$ 72.25					
CUSTOMER USE ONLY				CUSTOMER USE ONLY			
METHOD OF PAYMENT:				METHOD OF PAYMENT:			
Express Mail Corporate Acct. No. <u>V-111-111-111</u>				Federal Agency Acct. No. or Postal Service Acct. No.			
FROM: (PLEASE PRINT)		PHONE (214) 292-4034		TO: (PLEASE PRINT)		PHONE ()	
17601-020001				31504			
TJS/JYG/plb							



PRESS HARD.
You are making 3 copies. FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com



COPY

Request
For
Continued Examination (RCE)
TransmittalAddress to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	10/004,316
Filing Date	October 30, 2001
First Named Inventor	Joseph A. Zupanick
Group Art Unit	3672
Examiner Name	Daniel P. Stephenson
Attorney Docket Number	17601-020001

This is a Request for Continued Examination (RCE) under 37 C.F.R. §1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 C.F.R. §1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s)

a. ☐ Previously submitted. If a final Office action is outstanding, any amendment filed after the final Office action may be considered as a submission even if this box is not checked.

i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

ii. ☐ Other _____

b. ☒ Enclosed

i. ☐ Amendment/Reply

ii. ☐ Affidavit(s)/Declaration(s)

iii. ☒ Information Disclosure Statement (IDS)

iv. ☒ Other Petition to Withdraw and

Acknowledgement Postcard

2. **Miscellaneous**

a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. §1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. §1.17(i) required)

b. ☐ Other _____

3. **Fee** The RCE fee under 37 C.F.R. §1.17(e) is required by 37 C.F.R. §1.114 when the RCE is filed.

a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 06-1050

i. ☐ RCE fee required under 37 CFR 1.17(e)

ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

iii. ☒ Other Any deficiencies

b. ☒ Check in the amount of \$ 770.130 enclosed

c. ☐ Payment by credit card (Form PTO-2038 enclosed)

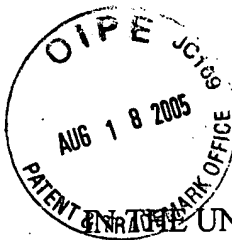
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED

Name (Print/Type)	Joshua A. Griswold	Registration No. (Attorney/Agent)	46,310
Signature	<i>Joshua A. Griswold</i>	Date	June 25, 2004

CERTIFICATE OF MAILING OR TRANSMISSION Express EV315554534US

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print/Type)	Pat Bradford	Date	June 25, 2004
Signature	<i>Pat Bradford</i>		



COPY

Attorney's Docket No.: 17601-020001

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick

Art Unit : 3672

Serial No. : 10/004,316

Examiner : Daniel P. Stephenson

Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

Mail Stop 313(c)

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

PETITION TO WITHDRAW

Applicant hereby petitions under §1.313(c)(2) for the withdrawal of this application from issue to permit consideration of an Information Disclosure Statement. The issue fee was paid on December 30, 2003.

A request for continued examination of this application under §1.114 is being filed simultaneously herewith. The request for continued examination is intended to continue this application on the grant of this petition.

Enclosed is a check for \$130 in payment of the petition fee required by 1.17(i). Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: _____

6/25/04

Joshua A. Griswold

Reg. No. 46,310

Fish & Richardson P.C.
5000 Bank One Center
1717 Main Street
Dallas, Texas 75201
Telephone: (214) 292-4034
Facsimile: (214) 747-2091

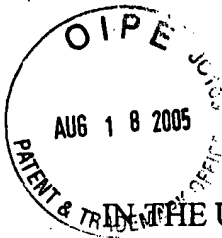
90081633.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV315554534US

June 25, 2004

Date of Deposit



COPY

Attorney's Docket No.: 17601-020001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick

Art Unit : 3672

Serial No. : 10/004,316

Examiner : Daniel P. Stephenson

Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

Respectfully submitted,

Date: _____

6/25/04

Joshua A. Griswold
Reg. No. 46,310

Fish & Richardson P.C.

5000 Bank One Center

1717 Main Street

Dallas, Texas 75201

Telephone: (214) 292-4034

Facsimile: (214) 747-2091

90081457.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV315554534US

June 25, 2004

Date of Deposit

COPY

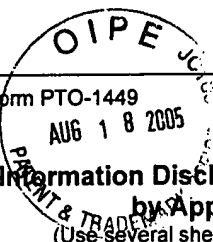
Sheet 1 of 6

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	1,488,106	03/25/1924	Fitzpatrick			
	A2	3,208,537	09/28/1965	Scarborough			
	A3	3,385,382	05/28/1968	Canalizo et al.			
	A4	4,134,463	01/16/1979	Allen			
	A5	4,224,989	09/30/1980	Blount			
	A6	4,333,539	06/08/1982	Lyons et al.			
	A7	4,536,035	08/20/1985	Huffman et al.			
	A8	5,411,088	05/02/1995	LeBlanc et al.			
	A9	5,653,286	08/05/1997	McCoy et al.			
	A10	5,775,433	07/07/1998	Hammett et al.			
	A11	5,853,224	12/29/1998	Riese			
	A12	5,941,308	08/24/1999	Malone et al.			
	A13	6,179,054	01/30/2001	Stewart			
	A14	6,357,530	03/19/2002	Kennedy et al.			
	A15	6,454,000	09/24/2002	Zupanick			
	A16	6,497,556	12/24/2002	Zupanick et al.			
	A17	6,575,235	06/10/2003	Zupanick et al.			
	A18	6,575,255	06/10/2003	Rial et al.			
	A19	6,591,922	07/15/2003	Rial et al.			
	A20	6,595,301	07/22/2003	Diamond et al.			
	A21	6,595,302	07/22/2003	Diamond et al.			
	A22	6,604,580	08/12/2003	Zupanick et al.			
	A23	6,604,910	08/12/2003	Zupanick			
	A24	6,644,422	11/11/2003	Rial et al.			
	A25	6,646,441	11/11/2003	Thompson et al.			
	A26	6,668,918	12/30/2003	Zupanick			
	A27	6,679,322	01/20/2004	Zupanick			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)



COPY

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A28	6,688,388	02/10/2004	Zupanick			
	A29	6,708,764	03/23/2004	Zupanick			
	A30	6,722,452	04/20/2004	Rial et al.			
	A31	6,725,922	04/27/2004	Zupanick			
	A32	2003/0164253 A1	09/04/2003	Trueman et al.			
	A33	2003/0221836 A1	12/04/2003	Gardes			
	A34	2004/0033557 A1	02/19/2004	Scott et al.			
	A35	2004/0045719 A1	03/11/2004	Moore et al.			
	A36	2004/0060351 A1	04/01/2004	Gunter et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	CA 2,210,866	01/19/1998	Canada			N/A	
	B2	CA 2,278,735	01/13/1998	Canada			N/A	
	B3	CH 653741 A5	01/15/1986	Switzerland			Abstract Only	
	B4	GB 2 255 033 A	10/28/1992	United Kingdom			N/A	
	B5	GB 2 297 988 A	08/21/1996	United Kingdom			N/A	
	B6	SU-1448078 A1	03/25/1987	Russia			X	
	B7	SU-1770570 A1	03/30/1990	Russia			X	
	B8	SU-750108	06/26/1975	Russia			X	
	B9	WO 01/44620	06/21/2001	WIPO			N/A	
	B10	WO 02/059455 A1	08/01/2002	WIPO			N/A	
	B11	WO 02/061238 A1	08/08/2002	WIPO			N/A	
	B12	WO 02/18738 A1	03/07/2002	WIPO			N/A	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

COPY

Sheet 3 of 6

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B13	WO 03/102348 A2	12/11/2003	WIPO			N/A	
	B14	WO 98/35133	08/13/1998	WIPO			N/A	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C1	Chi, Weiguo, "A feasible discussion on exploitation coalbed methane through Horizontal Network Drilling in China," SPE 64709, Society of Petroleum Engineers (SPE International), November 7, 2000, 4 pages
	C2	Goktas, B., et al., "Performances of Openhole Completed and Cased Horizontal/Undulating Wells in Thin-Bedded, Tight Sand Gas Reservoirs," SPE 65619, Society of Petroleum Engineers, October 17-19, 2000 (7 pages)
	C3	Sharma, R., et al., "Modelling of Undulating Wellbore Trajectories," The Journal of Canadian Petroleum Technology, Vol. 34, No. 10, XP-002261908, October 18-20, 1993 pp. 16-24
	C4	Balbinski, E.F., "Prediction of Offshore Viscous Oil Field Performance," European Symposium on Improved Oil Recovery, August 18-20, 1999, pp. 1-6, 9 & 10
	C5	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/21626 mailed November 6, 2003
	C6	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/38383 mailed June 2, 2004
	C7	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21627 mailed November 5, 2003
	C8	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/21628 mailed November 4, 2003
	C9	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21750 mailed December 5, 2003
	C10	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (3 pages) re International Application No. PCT/US 03/28137 mailed December 19, 2003
	C11	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/26124 mailed February 4, 2004
	C12	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US 03/28138 mailed February 9, 2004

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C13	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US-03/30126 mailed February 27, 2004
	C14	Smith, Maurice, "Chasing Unconventional Gas Unconventionally," CBM Gas Technology, New Technology Magazine, October/November 2003, pp. 1-4
	C15	Gardes, Robert, "A New Direction in Coalbed Methane and Shale Gas Recovery," (to the best of Applicants' recollection, first received at The Canadian Institute Coalbed Methane Symposium conference on June 16 and June 17, 2002), 1 page of conference flyer, 6 pages
	C16	Gardes, Robert, "Under-Balance Multi-Lateral Drilling for Unconventional Gas Recovery," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 9, 2003, 4 pages of conference flyer, 33 pages
	C17	Boyce, Richard G., "High Resolution Seismic Imaging Programs for Coalbed Methane Development," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 10, 2003), 4 pages of conference flyer, 24 pages
	C18	Mazzella, Mark, et al., "Well Control Operations on a Multiwell Platform Blowout," WorldOil.com - Online Magazine Article, Volume 22, Part 1 - pp. 1-7, January 2001, and Part II, February 2001, pp. 1-13
	C19	Vector Magnetics, LLC, Case History, California, May 1999, "Successful Kill of a Surface Blowout," 1999, pp. 1-12
	C20	Cudd Pressure Control, Inc, "Successful Well Control Operations - A Case Study: Surface and Subsurface Well Intervention on a Multi-Well Offshore Platform Blowout and Fire," 2000, pp. 1-17, http://www.cuddwellcontrol.com/literature/successful/successful_well.htm .
	C21	Purl, R., et al., "Damage to Coal Permeability During Hydraulic Fracturing," SPE 21813, 1991, pp. 109-115
	C22	U.S. Dept. of Energy - Office of Fossil Energy, "Multi-Seam Well Completion Technology: Implications for Powder River Basin Coalbed Methane Production," pp. 1-100, A-1 through A-10, September 2003
	C23	U.S. Dept. of Energy - Office of Fossil Energy, "Powder River Basin Coalbed Methane Development and Produced Water Management Study," pp. 1-111, A-1 through A-14, November 2002
	C24	Fletcher, Sam, "Anadarko Cuts Route Under Canadian River Gorge," Oil & Gas Journal, pp. 28-30, January 5, 2004
	C25	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.1, 4.4, 4.4.1, 4.4.3, 11.2.2, 11.2.4 and 11.4, "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 15 pages, 1997
	C26	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.2 (p. 135), 10.1 (p. 402), 10.4 (pp. 418-419), "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 4 pages, 1997
	C27	Arens, V. Zh., Translation of Selected Pages, "Well-Drilling Recovery of Minerals," Moscow, Nedra Publishers, 7 pages, 1986
	C28	Jet Lavanway Exploration, "Well Survey," Key Energy Surveys, 3 pages, November 2, 1997
	C29	Precision Drilling, "We Have Roots in Coal Bed Methane Drilling," Technology Services Group, 1 page, Published on or before August 5, 2002

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

COPY

Sheet 5 of 6

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
<div style="position: relative; height: 40px;"> O.I.P.E. AUG 18 2005 INFORMATION DISCLOSURE STATEMENT by Applicant (Use several sheets if necessary) </div>		Applicant Joseph A. Zupanick	
(37 CFR §1.98(b))		Filing Date October 30, 2001	Group Art Unit 3672

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C30	U.S. Dept. of Energy, "New Breed of CBM/CMM Recovery Technology," 1 page, July 2003
	C31	Ghiselin, Dick, "Unconventional Vision Frees Gas Reserves," Natural Gas Quarterly, 2 pages, September 2003
	C32	CBM Review, World Coal, "US Drilling into Asia," 4 pages, June 2003
	C33	Skrebowski, Chris, "US Interest in North Korean Reserves," Petroleum, Energy Institute, 4 pages, July 2003
	C34	Zupanick, et al., "Slant Entry Well System and Method", S/N 10/003,917, November 1, 2001 (Publication 2002/0096336)
	C35	Zupanick, et al., U.S. Patent Application entitled "Method and System for Underground Treatment of Materials," S/N 10/142,817, May 8, 2002
	C36	Zupanick, et al., "Method and System for Accessing a Subterranean Zone From a Limited Surface Area," S/N 10/188,141, July 1, 2002, (Publication 2002/0189801)
	C37	Zupanick, U.S. Patent Application entitled "Wellbore Sealing System and Method," S/N 10/194,368 (Publication 2004/0007389)
	C38	Zupanick, U.S. Patent Application entitled "Wellbore Plug System and Method," S/N 10/194,422 (Publication 2004/0007390)
	C39	Zupanick, U.S. Patent Application entitled "System and Method for Subterranean Access," S/N 10/227,057, August 22, 2002 (Publication 2004/0035582)
	C40	Zupanick, et al, U.S. Patent Application entitled "Method and System for Controlling Pressure in a Dual Well System," S/N 10/244,082, September 12, 2002
	C41	Zupanick, U.S. Patent Application entitled "Three-Dimensional Well System for Accessing Subterranean Zones." S/N 10/244,083, September 12, 2002 (Publication 2004/0050552)
	C42	Zupanick et al., U.S. Patent Application entitled "Accelerated Production of Gas From a Subterranean Zone," S/N 10/246,052, September 17, 2002 (Publication 2004/0050554)
	C43	Diamond et al., U.S. Patent Application entitled "Method and System for Removing Fluid From a Subterranean Zone Using an Enlarged Cavity," S/N 10/264,535, October 3, 2002
	C44	Zupanick, U.S. Patent Application entitled "Method of Drilling Lateral Wellbores From a Slant Well Without Utilizing a Whipstock," S/N 10/267,426, October 8, 2002
	C45	Zupanick, U.S. Patent Application entitled "Method and System for Circulating Fluid in a Well System," S/N 10/323,192, December 18, 2002 (Publication 2004/0055787)
	C46	Rial et al., U.S. Patent Application entitled "Method and System for Controlling the Production Rate Of Fluid From A Subterranean Zone To Maintain Production Bore Stability In The Zone," S/N 10/328,408, December 23, 2002
	C47	Zupanick, et al., U.S. Patent Application entitled "Method and System for Recirculating Fluid in a Well System," S/N 10/457,103, June 5, 2003
	C48	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface and Tools Therefor," S/N 10/630,345, July 29, 2003
	C49	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits From the Surface," S/N 10/641,856, August 15, 2003 (Publication 2004/0031609)
	C50	Pauley, Steven, U.S. Patent Application entitled "Multi-Purpose Well Bores and Method for Accessing a Subterranean Zone From the Surface," S/N 10/715,300, November 17, 2003

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

COPY

Sheet 6 of 6

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C51	Seams, Douglas, U.S. Patent Application entitled "Method and System for Extraction of Resources from a Subterranean Well Bore," S/N 10/723,322, November 26, 2003
	C52	Zupanick, U.S. Patent Application entitled "Slant Entry Well System and Method," S/N 10/749,884, December 31, 2003
	C53	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface," S/N 10/761,629, January 20, 2004
	C54	Zupanick, U.S. Patent Application entitled "Method and System for Testing A Partially Formed Hydrocarbon Well for Evaluation and Well Planning Refinement," S/N 10/769,221, January 30, 2004
	C55	Platt, "Method and System for Lining Multilateral Wells," S/N 10/772,841, February 5, 2004
	C56	Zupanick, "Three-Dimensional Well System For Accessing Subterranean Zones," February 11, 2004, S/N 10/777,503
	C57	Zupancik, "System And Method For Directional Drilling Utilizing Clutch Assembly," S/N 10/811,118, March 25, 2004
	C58	Zupanick et al., "Slot Cavity," S/N 10/419,529, April 21, 2003
	C59	Zupanick, "System and Method for Multiple Wells from a Common Surface Location," S/N 10/788,694, February 27, 2004
	C60	Zupanick, "Method and System for Accessing a Subterranean Zone From Limited Surface Area," S/N 10/406,037, April 2, 2003 (Publication 2003/0217842)
	C61	Palmer, Ian D., et al., "Coalbed Methane Well Completions and Stimulations," Chapter 14, Hydrocarbons From Coal, American Association of Petroleum Geologists, 1993, pp. 303-339
	C62	Field, T.W., "Surface to In-seam Drilling - The Australian Experience," 10 pages, Undated
	C63	Drawings included in CBM well permit issued to CNX stamped April 15, 2004 by the West Virginia Department of Environmental Protection (4 pages)
	C64	Website of Mitchell Drilling Contractors, "Services: Dymaxion - Surface to In-seam," http://www.mitchelldrilling.com/dymaxion.htm , printed as of 06/17/2004, 4 pages
	C65	Website of CH4, "About Natural Gas - Technology," http://www.ch4.com.au/ng_technology.html , copyright 2003, printed as of 06/17/2004, 4 pages
	C66	Thomson, et al., "The Application of Medium Radius Directional Drilling for Coal Bed Methane Extraction," Lucas Technical Paper, copyrighted 2003, 11 pages
	C67	U.S. Department of Energy, DE-FC26-01NT41148, "Enhanced Coal Bed Methane Production and Sequestration of CO2 in Unmineable Coal Seams" for Consol, Inc., accepted October 1, 2001, 48 pages, including cover page

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

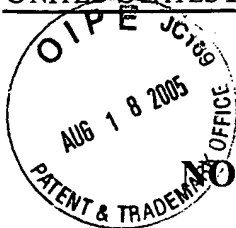


UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

MAY 23 2005

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



COPY

NOTICE OF ALLOWANCE AND FEE(S) DUE

17601-620001

26231

7590

05/18/2005

FISH & RICHARDSON P.C.
1717 MAIN STREET
SUITE 500
DALLAS, TX 75201

Docketed By Practice Systems
Action Code: ISSUE, pub fee
Base Date: 5/18/05
Due Date: 7/18/05
Deadline: 8/18/05
Initial: SWW

EXAMINER

STEPHENSON, DANIEL P

ART UNIT

PAPER NUMBER

3672

DATE MAILED: 05/18/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,316	10/30/2001	Joseph A. Zupanick	067083.0162	9338

TITLE OF INVENTION: SLANT ENTRY WELL SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$35	\$300	\$335	08/18/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THE STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issued on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Docketed By Billing Secretary
Due Date: 7-18-2005
Deadline: 8-18-2005
Initials: PLB

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together

applicable fee(s), to: Mail

Mail Stop ISS FEE
Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

(703) 746-4000

COPY

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26231

7590

05/18/2005

FISH & RICHARDSON P.C.

1717 MAIN STREET

SUITE 500

DALLAS, TX 75201

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISS FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,316	10/30/2001	Joseph A. Zupanick	067083.0162	9338

TITLE OF INVENTION: SLANT ENTRY WELL SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$35	\$300	\$335	08/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
STEPHENSON, DANIEL P	3672	166-245000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☐ Issue Fee☐ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

COPY

AUG 18 2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,316	10/30/2001	Joseph A. Zupanick	067083.0162	9338

26231 7590 05/18/2005

FISH & RICHARDSON P.C.
1717 MAIN STREET
SUITE 500
DALLAS, TX 75201

EXAMINER

STEPHENSON, DANIEL P

ART UNIT

PAPER NUMBER

3672

DATE MAILED: 05/18/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 84 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 84 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.